

## Product Datasheet

### Horse HIF1a(Hypoxia Inducible Factor 1 Alpha) ELISA Kit (orb1950118)

**Description**

Horse HIF1a(Hypoxia Inducible

**Reactivity**

Equine

**Range**

31.25-2000 pg/mL

**Note**

For research use only

**Application notes**

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Horse HIF1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse HIF1a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Horse HIF1a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$  10nm. The concentration of Horse HIF1a in the samples is then determined by comparing the OD of the samples to the standard curve.

**Sample Types**

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

**Sensitivity**

12.3 pg/mL

**Expiration Date**

Please enquire.